Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071218\
Data File : BG035600.D
Acq On : 12 Jul 2018 18:35
Operator : JU/SJ
Sample : PB110986BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB110986BSD

Manual Integrations APPROVED
Sohil
7/13/2018 12:36:33 PM

Quant Time: Jul 13 07:14:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	47264	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	181455	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	130301	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	357068	20.00	ng		0.00
75) Chrysene-d12	21.69	240	381598	20.00	ng		0.00
86) Perylene-d12	24.91	264	367362	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	510648	179.37	ng		0.00
7) Phenol-d6	7.23	99	757254	178.29	ng		0.00
23) Nitrobenzene-d5	9.22	82	486875	112.09	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	338321	196.99	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	1086376	111.70	ng		0.00
78) Terphenyl-d14	20.03	244	1896177	109.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	46934	32.392	ng	#	77
3) Pyridine	3.94	79	145308	38.415	ng	#	74
4) n-Nitrosodimethylamine	3.86	42	67964	41.846	ng	#	78
6) Aniline	7.38	93	211461	38.411	ng		98
8) 2-Chlorophenol	7.63	128	155234	53.615	ng		99
9) Benzaldehyde	7.20	77	101071	38.782	ng		94
10) Phenol	7.25	94	239513	55.815	ng		93
11) bis(2-Chloroethyl)ether	7.48	93	154012	45.829	ng		88
12) 1,3-Dichlorobenzene	7.95	146	160349	45.861	ng	#	93
13) 1,4-Dichlorobenzene	8.10	146	160905	45.293	ng		100
14) 1,2-Dichlorobenzene	8.41	146	153459	44.966	ng		95
15) Benzyl Alcohol	8.30	79	197005	51.076	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.58	45	181867	64.550	ng		82
17) 2-Methylphenol	8.49	107	159578	54.696	ng	#	90
18) Hexachloroethane	9.14	117	60371	44.445	ng	#	86
19) n-Nitroso-di-n-propylamine	8.86	70	153101	42.805	ng	#	86
20) 3+4-Methylphenols	8.82	107	223388	55.192	ng		92
22) Acetophenone	8.88	105	274742	48.690	ng	#	93
24) Nitrobenzene	9.26	77	222402	50.912	ng		94
25) Isophorone	9.78	82	437654	54.277	ng		97
26) 2-Nitrophenol	9.98	139	87465	56.377	ng	#	84
27) 2,4-Dimethylphenol	10.03	122	170235	64.823	ng		88
28) bis(2-Chloroethoxy)methane	10.26	93	228261	51.374	ng		95
29) 2,4-Dichlorophenol	10.51	162	186846	62.328	ng		93
30) 1,2,4-Trichlorobenzene	10.73	180	188419	51.257	ng		96
31) Naphthalene	10.92	128	479753	50.756	ng		100
32) Benzoic acid	10.19	122	92365	52.246	ng		90
33) 4-Chloroaniline	11.02	127	85437	20.739	ng		95
34) Hexachlorobutadiene	11.19	225	142837	49.831	ng		98
35) Caprolactam	11.80	113	69070m	53.690	ng		
36) 4-Chloro-3-methylphenol	12.14	107	229631	57.147	ng		94
37) 2-Methylnaphthalene	12.51	142	382065	54.255	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	252017	51.244	ng		98
40) Hexachlorocyclopentadiene	12.85	237	351979	136.467	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	174869	60.801	ng		95
43) 2,4,5-Trichlorophenol	13.19	196	184835	57.448	ng		98
45) 1,1'-Biphenyl	13.51	154	522620	51.734	ng		96
46) 2-Chloronaphthalene	13.56	162	413186	52.582	ng		99
47) 2-Nitroaniline	13.76	65	155432	55.951	ng		98
48) Acenaphthylene	14.40	152	682934	51.883	ng		98
49) Dimethylphthalate	14.13	163	582286	51.005	ng		99
50) 2,6-Dinitrotoluene	14.25	165	132432	56.965	ng		96
51) Acenaphthene	14.75	154	406427	49.567	ng		99
52) 3-Nitroaniline	14.58	138	71361	30.033	ng	#	90
53) 2,4-Dinitrophenol	14.79	184	154321	125.047	ng	#	66
54) Dibenzofuran	15.08	168	672196	51.547	ng		95
55) 4-Nitrophenol	14.90	139	212282	125.450	ng	#	84
56) 2,4-Dinitrotoluene	15.04	165	193512	58.021	ng	#	93
57) Fluorene	15.73	166	566713	51.850	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	186617	60.494	ng		95
59) Diethylphthalate	15.49	149	582218	49.597	ng		97
60) 4-Chlorophenyl-phenylether	15.71	204	325427	50.658	ng		99
61) 4-Nitroaniline	15.75	138	135274	54.425	ng	#	75
62) Azobenzene	16.01	77	617323	53.314	ng		95
64) 4,6-Dinitro-2-methylphenol	15.80	198	112947	56.824	ng		90
65) n-Nitrosodiphenylamine	15.93	169	509514	50.132	ng		99
66) 4-Bromophenyl-phenylether	16.61	248	220453	53.216	ng		93
67) Hexachlorobenzene	16.73	284	224333	52.585	ng		94
68) Atrazine	16.88	200	233481	55.795	ng		98
69) Pentachlorophenol	17.07	266	263264	101.316	ng		97
70) Phenanthrene	17.47	178	917665	51.505	ng		97
71) Anthracene	17.55	178	931680	52.516	ng		97
72) Carbazole	17.82	167	862738	51.206	ng		97
73) Di-n-butylphthalate	18.38	149	982685	49.356	ng	#	98
74) Fluoranthene	19.47	202	1212694	50.530	ng		95
76) Benzidine	19.64	184	478392	47.685	ng		99
77) Pyrene	19.83	202	1199693	49.720	ng		96
79) Butylbenzylphthalate	20.71	149	454097	52.627	ng		96
80) Benzo(a)anthracene	21.67	228	1224624	51.498	ng		98
81) 3,3'-Dichlorobenzidine	21.58	252	268092	32.333	ng		94
82) Chrysene	21.74	228	1137097	51.601	ng		97
83) Bis(2-ethylhexyl)phthalate	21.57	149	612647	52.226	ng		98
84) Di-n-octyl phthalate	22.78	149	1030344	52.458	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.59	276	1317146	53.987	ng	#	93
87) Benzo(b)fluoranthene	23.89	252	1151892	51.589	ng	#	98
88) Benzo(k)fluoranthene	23.96	252	1122648	51.429	ng	#	97
89) Benzo(a)pyrene	24.76	252	1129862	54.393	ng	#	96
90) Dibenzo(a,h)anthracene	28.65	278	1071007	52.518	ng	#	96
91) Benzo(g,h,i)perylene	29.74	276	1094117	54.827	ng	#	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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